

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
 Data File : VX036251.D
 Acq On : 20 Jun 2023 18:25
 Operator : JC/MD
 Sample : 03291-02DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5BDL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/22/2023
 Supervised By : Mahesh Dadoda 06/22/2023

Quant Time: Jun 21 02:53:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	149712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	272515	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	110023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	133764	48.892	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.780%		
35) Dibromofluoromethane	5.385	113	90095	48.753	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.500%		
50) Toluene-d8	8.647	98	336000	49.706	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.420%		
62) 4-Bromofluorobenzene	11.079	95	124847	45.754	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.500%		
Target Compounds					Qvalue	
31) Cyclohexane	5.464	56	37883m	12.907	ug/l	
39) Methylcyclohexane	7.379	83	26774	9.132	ug/l	94
40) Benzene	6.031	78	2681	0.350	ug/l	95
52) Toluene	8.720	92	49373	10.302	ug/l	96
67) Ethyl Benzene	10.195	91	277555	31.504	ug/l	98
68) m/p-Xylenes	10.299	106	192920	58.039	ug/l	98
69) o-Xylene	10.640	106	59387	18.109	ug/l	99
73) Isopropylbenzene	10.963	105	22635	2.773	ug/l	99
78) n-propylbenzene	11.305	91	109746	11.427	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	25152	3.618	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	419210	60.458	ug/l	95
86) p-Isopropyltoluene	12.006	119	3945	0.570	ug/l	85
89) n-Butylbenzene	12.329	91	6390m	1.034	ug/l	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

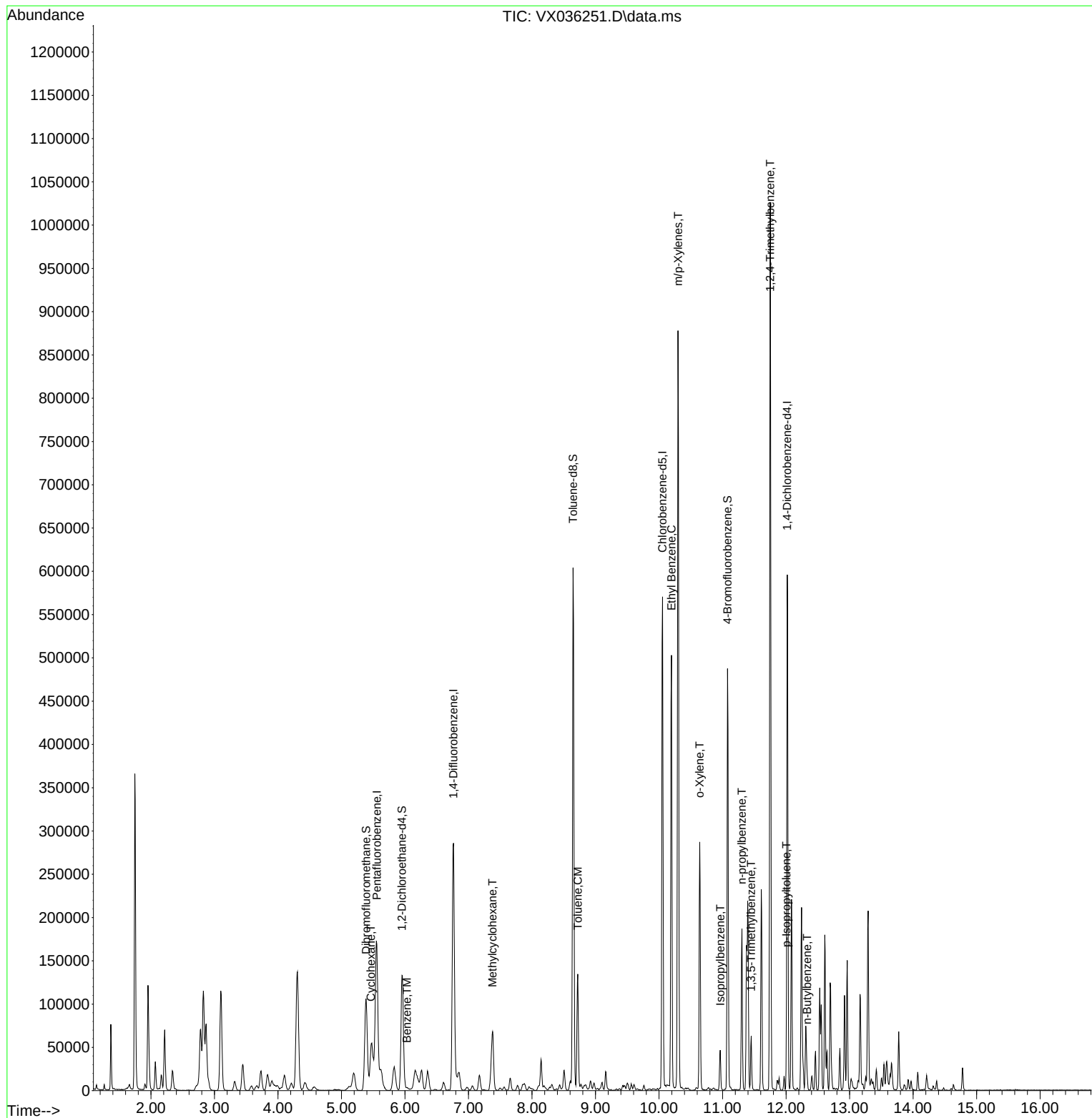
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
Data File : VX036251.D
Acq On : 20 Jun 2023 18:25
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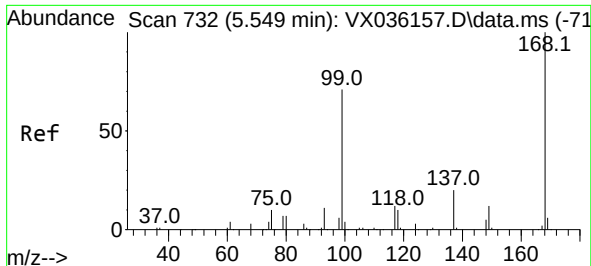
Instrument :
MSVOA_X
ClientSampleId :
MW-5BDL

Quant Time: Jun 21 02:53:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 16 16:28:40 2023
Response via : Initial Calibration

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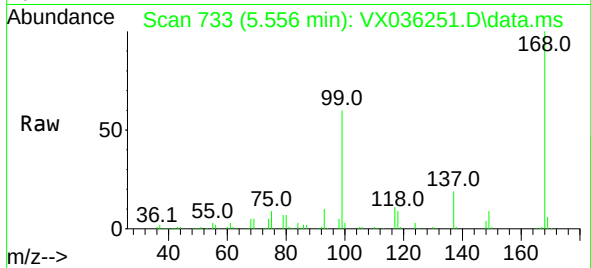
Reviewed By : John Carlone 06/22/2023
Supervised By : Mahesh Dadoda 06/22/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX036251.D
Acq: 20 Jun 2023 18:25

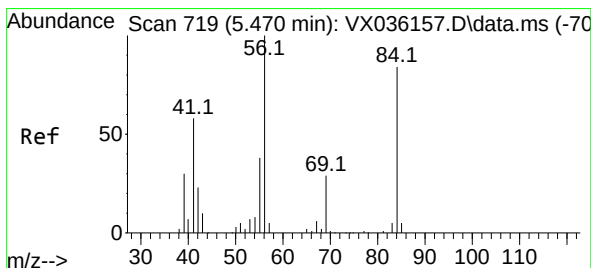
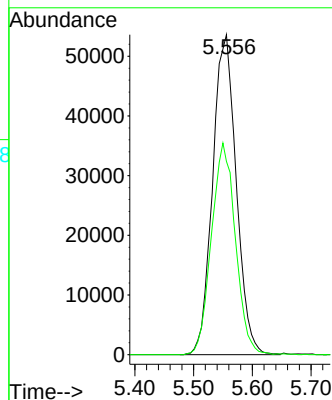
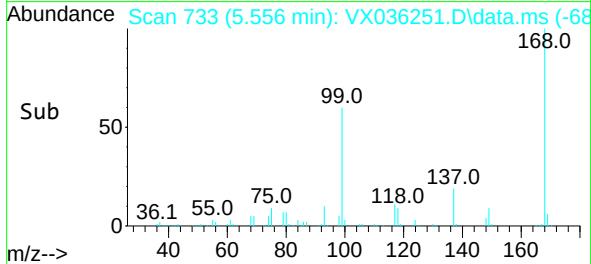
Instrument :
MSVOA_X
ClientSampleId :
MW-5BDL



Tgt Ion:168 Resp: 14971
Ion Ratio Lower Upper
168 100
99 60.4 56.6 85.0

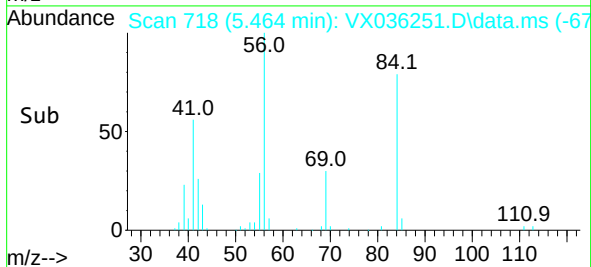
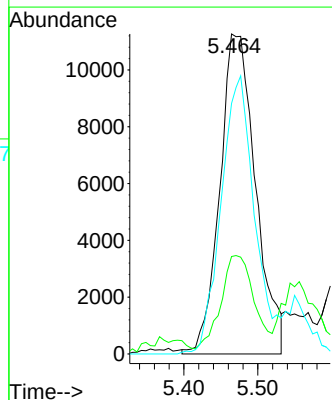
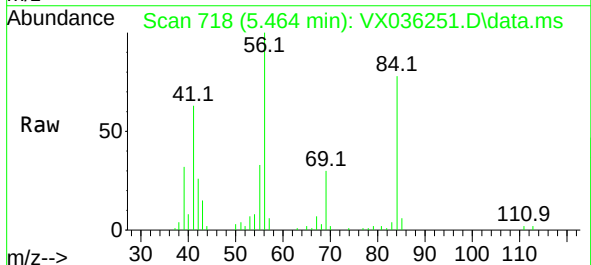
Manual Integrations
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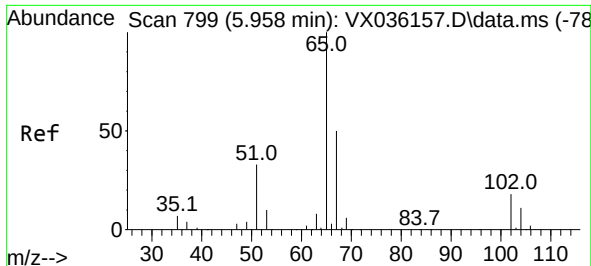
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#31
Cyclohexane
Concen: 12.907 ug/l m
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX036251.D
Acq: 20 Jun 2023 18:25

Tgt Ion: 56 Resp: 37883
Ion Ratio Lower Upper
56 100
69 30.4 23.4 35.2
84 78.3 65.9 98.9





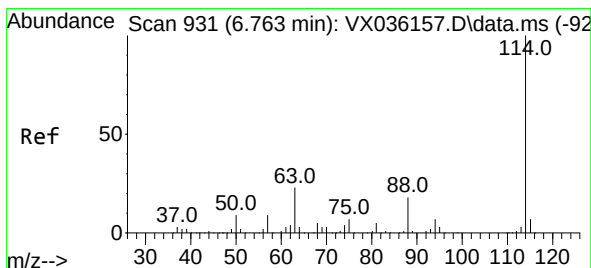
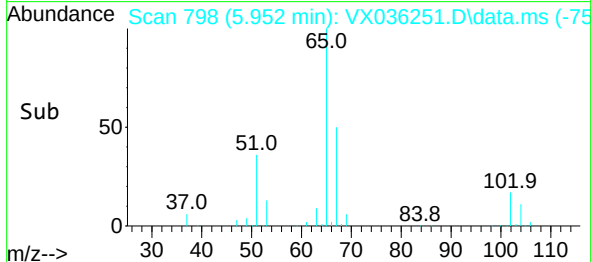
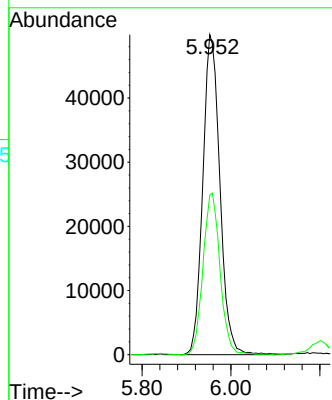
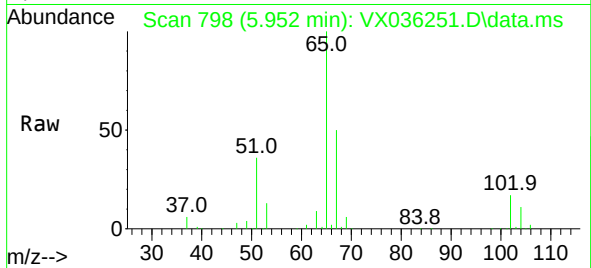
#33
1,2-Dichloroethane-d4
Concen: 48.892 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX036251.D
Acq: 20 Jun 2023 18:25

Instrument :
MSVOA_X
ClientSampleId :
MW-5BDL

Tgt Ion: 65 Resp: 133764
Ion Ratio Lower Upper
65 100
67 50.3 0.0 100.2

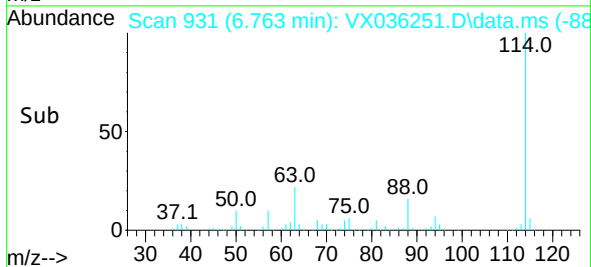
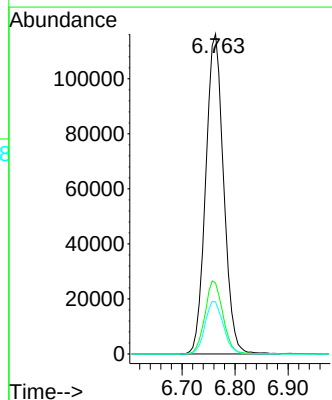
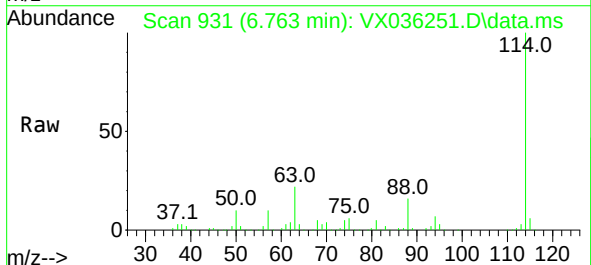
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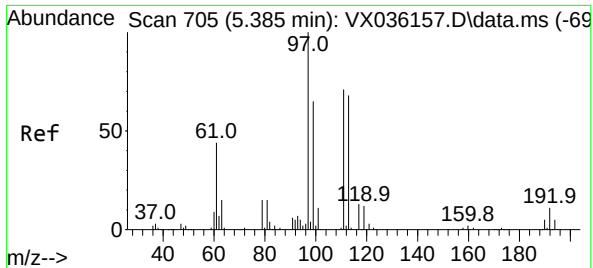
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX036251.D
Acq: 20 Jun 2023 18:25

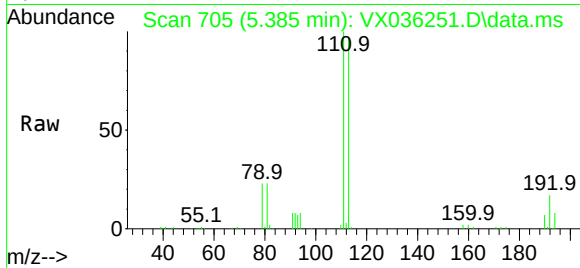
Tgt Ion:114 Resp: 272515
Ion Ratio Lower Upper
114 100
63 22.2 0.0 45.0
88 16.3 0.0 36.6





#35
Dibromofluoromethane
Concen: 48.753 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036251.D
Acq: 20 Jun 2023 18:25

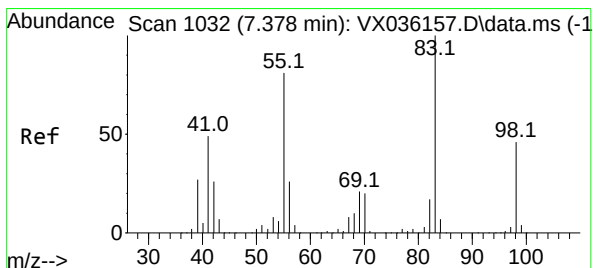
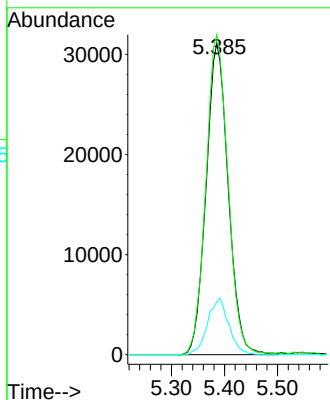
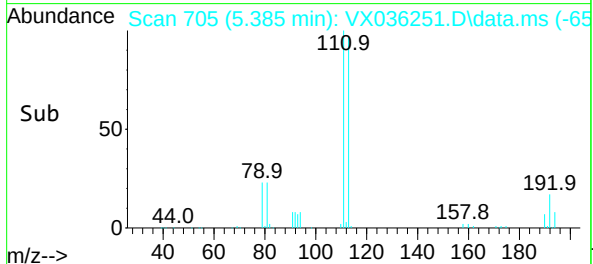
Instrument :
MSVOA_X
ClientSampleId :
MW-5BDL



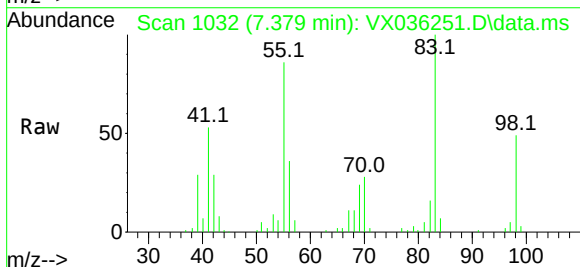
Tgt Ion: 113 Resp: 9009
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 17.4 13.3 19.9

Manual Integrations
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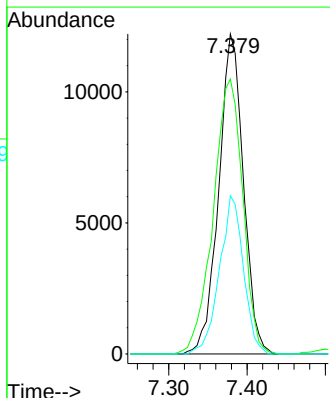
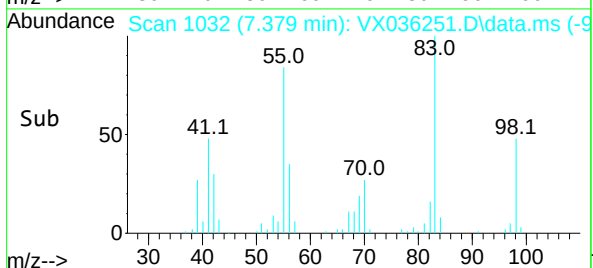
Reviewed By :John Carlone 06/22/2023
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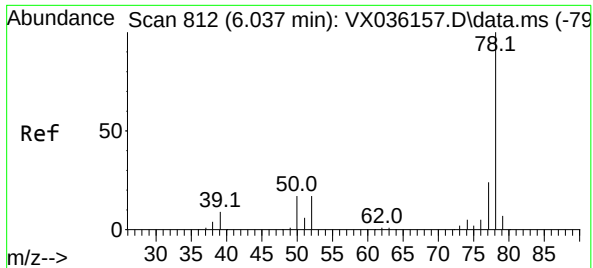


#39
Methylcyclohexane
Concen: 9.132 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX036251.D
Acq: 20 Jun 2023 18:25



Tgt Ion: 83 Resp: 26774
Ion Ratio Lower Upper
83 100
55 86.0 64.6 97.0
98 49.5 36.7 55.1





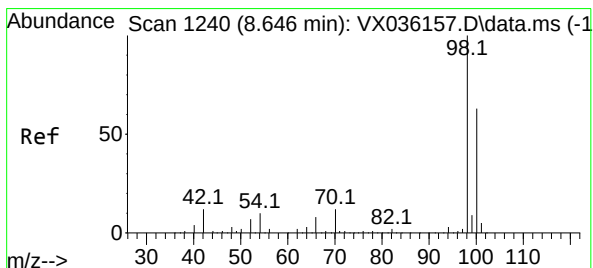
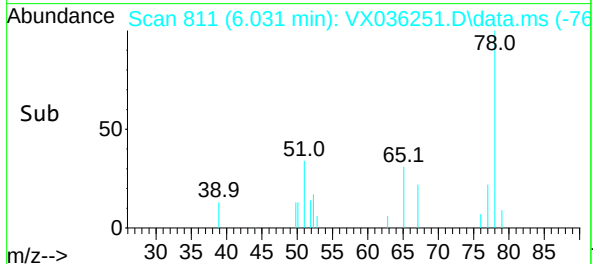
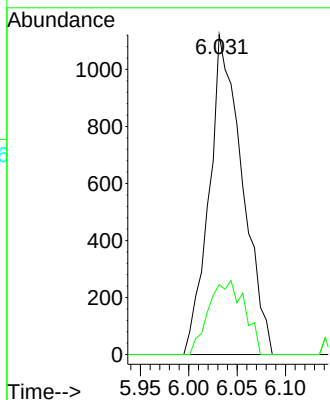
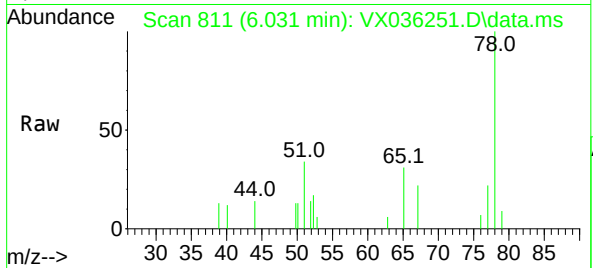
#40
Benzene
Concen: 0.350 ug/l
RT: 6.031 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX036251.D
Acq: 20 Jun 2023 18:25

Instrument :
MSVOA_X
ClientSampleId :
MW-5BDL

Tgt Ion: 78 Resp: 268
Ion Ratio Lower Upper
78 100
77 21.8 19.3 28.9

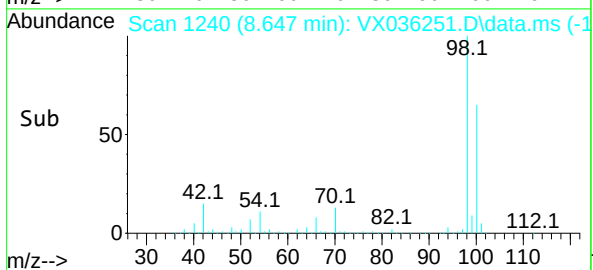
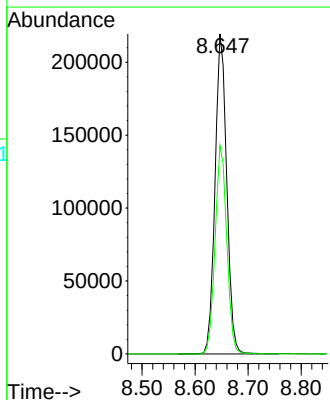
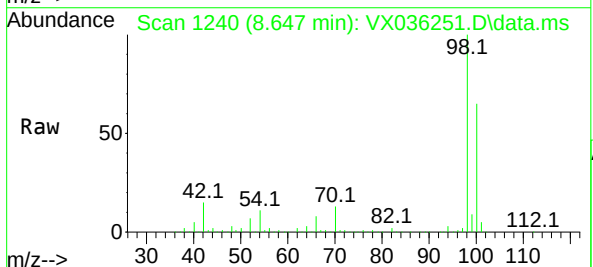
Manual Integrations
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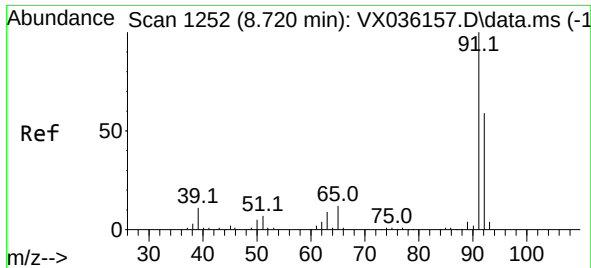
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#50
Toluene-d8
Concen: 49.706 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036251.D
Acq: 20 Jun 2023 18:25

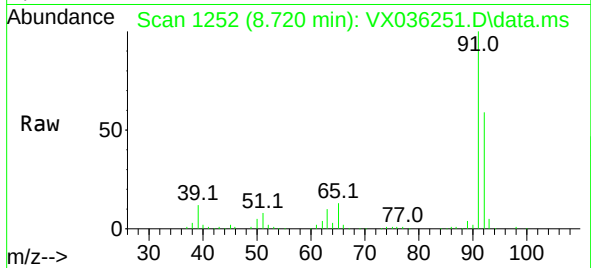
Tgt Ion: 98 Resp: 336000
Ion Ratio Lower Upper
98 100
100 65.2 53.1 79.7





#52
Toluene
Concen: 10.302 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036251.D
Acq: 20 Jun 2023 18:25

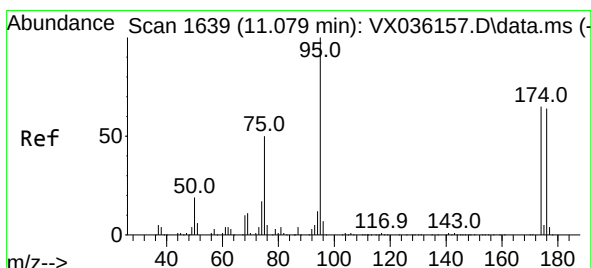
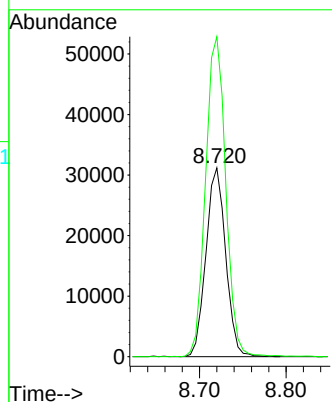
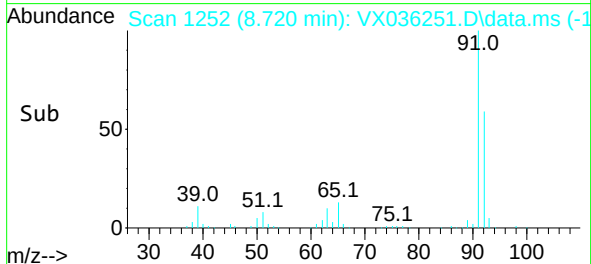
Instrument :
MSVOA_X
ClientSampleId :
MW-5BDL



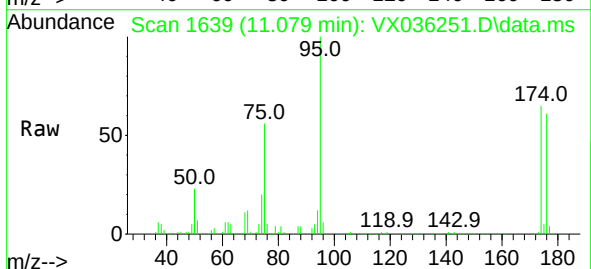
Tgt Ion: 92 Resp: 4937
Ion Ratio Lower Upper
92 100
91 173.3 134.2 201.2

Manual Integrations
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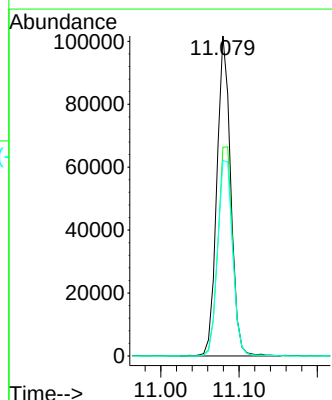
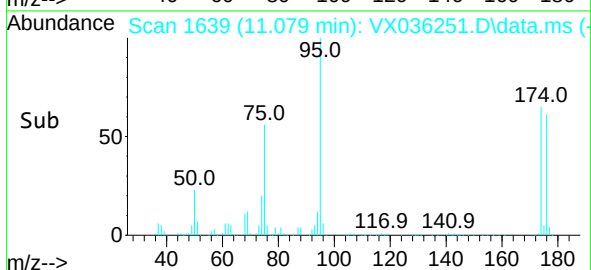
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

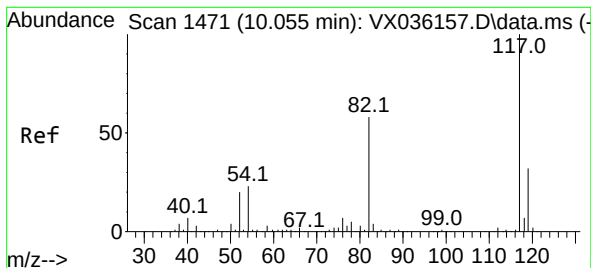


#62
4-Bromofluorobenzene
Concen: 45.754 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036251.D
Acq: 20 Jun 2023 18:25



Tgt Ion: 95 Resp: 124847
Ion Ratio Lower Upper
95 100
174 69.3 0.0 135.6
176 66.1 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX036251.D

Acq: 20 Jun 2023 18:25

Instrument :

MSVOA_X

ClientSampleId :

MW-5BDL

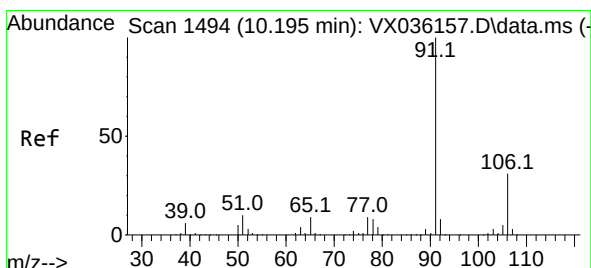
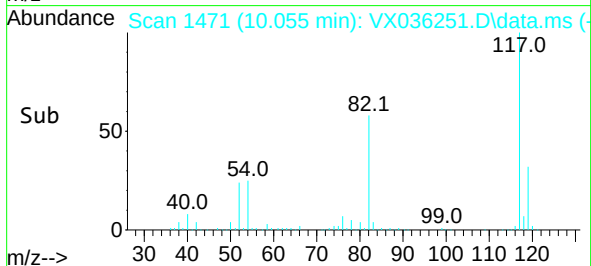
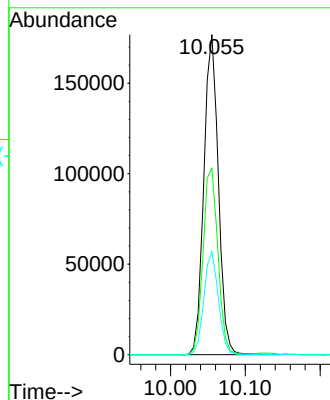
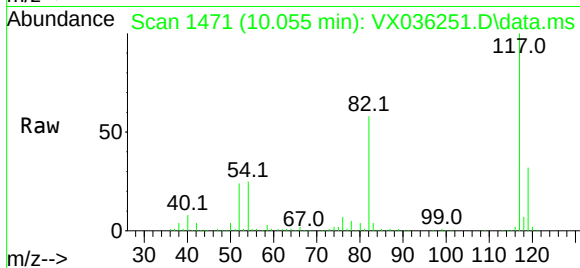
Tgt Ion:117 Resp: 238064
 Ion Ratio Lower Upper
 117 100
 82 58.2 46.2 69.4
 119 32.2 25.5 38.3

Manual Integrations

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Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#67

Ethyl Benzene

Concen: 31.504 ug/l

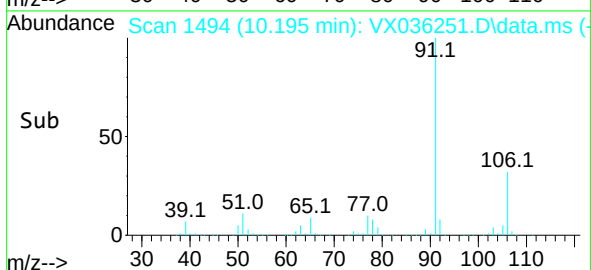
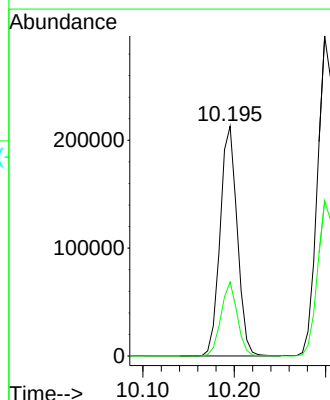
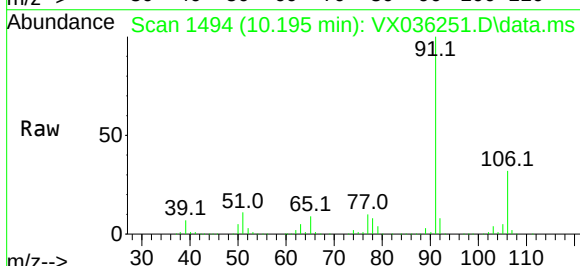
RT: 10.195 min Scan# 1494

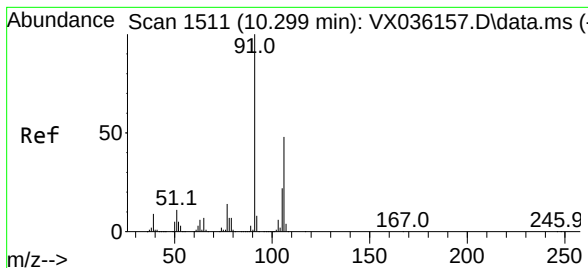
Delta R.T. 0.000 min

Lab File: VX036251.D

Acq: 20 Jun 2023 18:25

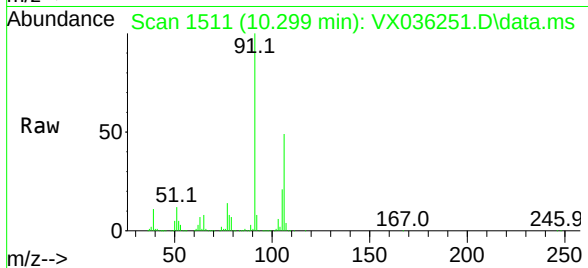
Tgt Ion: 91 Resp: 277555
 Ion Ratio Lower Upper
 91 100
 106 32.2 24.9 37.3





#68
m/p-Xylenes
Concen: 58.039 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036251.D
Acq: 20 Jun 2023 18:25

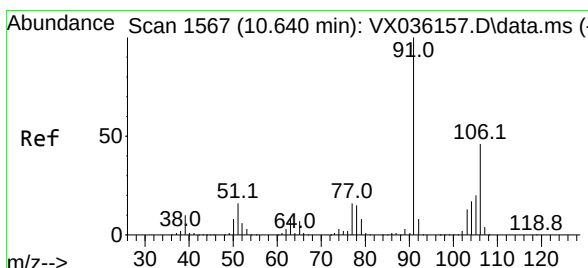
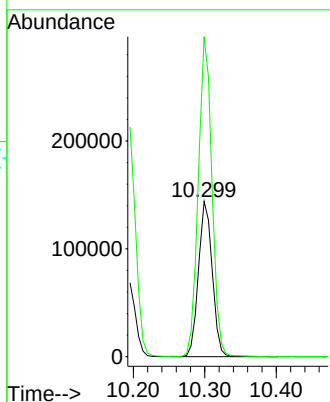
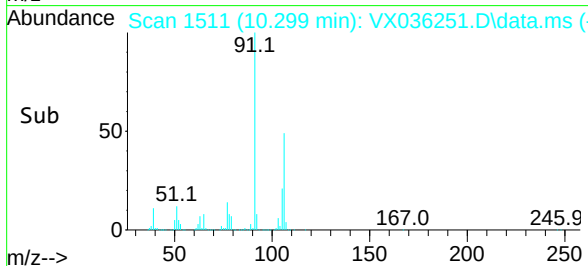
Instrument :
MSVOA_X
ClientSampleId :
MW-5BDL



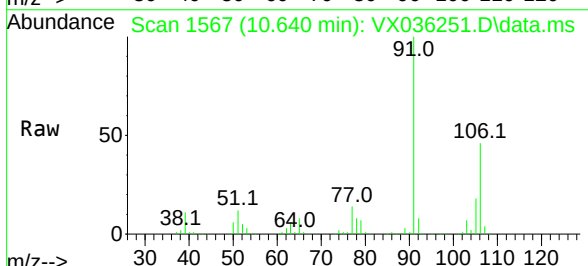
Tgt Ion:106 Resp: 192920
Ion Ratio Lower Upper
106 100
91 203.8 165.5 248.3

Manual Integrations
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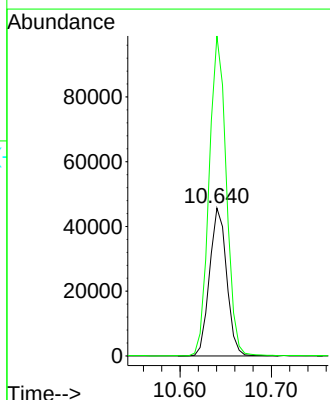
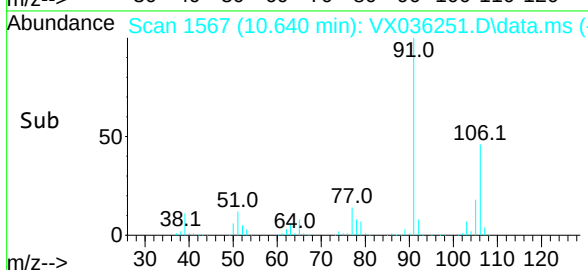
Reviewed By :John Carlone 06/22/2023
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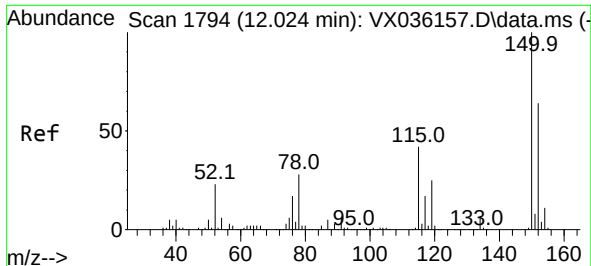


#69
o-Xylene
Concen: 18.109 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036251.D
Acq: 20 Jun 2023 18:25



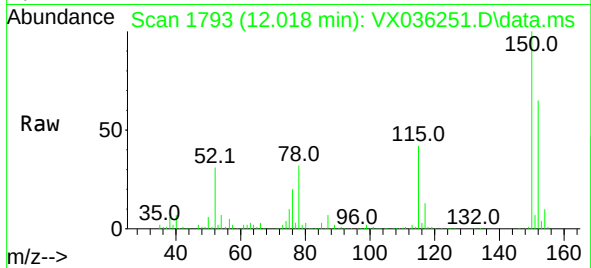
Tgt Ion:106 Resp: 59387
Ion Ratio Lower Upper
106 100
91 216.8 108.9 326.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11002
Delta R.T. -0.006 min
Lab File: VX036251.D
Acq: 20 Jun 2023 18:25

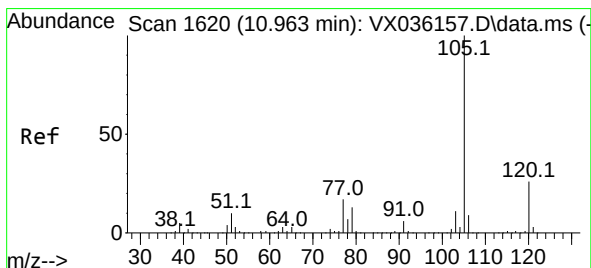
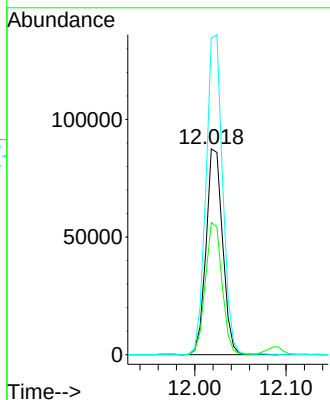
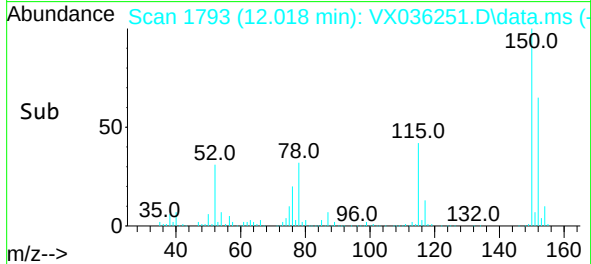
Instrument :
MSVOA_X
ClientSampleId :
MW-5BDL



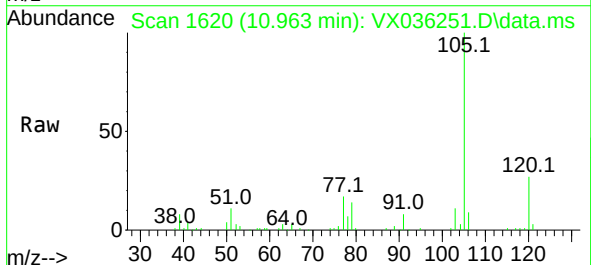
Tgt Ion:152 Resp: 11002
Ion Ratio Lower Upper
152 100
115 64.7 43.3 129.9
150 156.5 0.0 345.0

Manual Integrations
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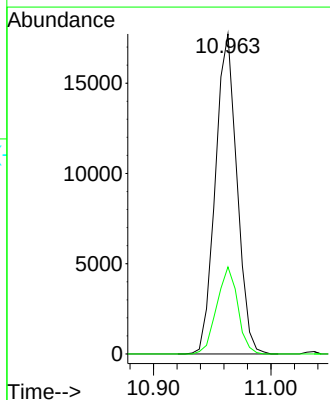
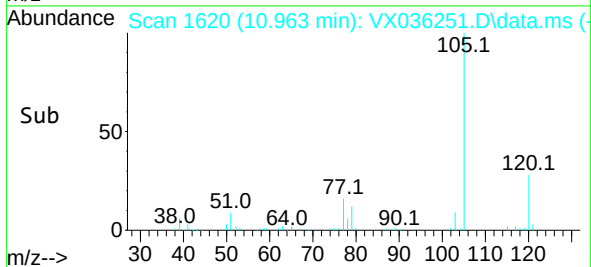
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

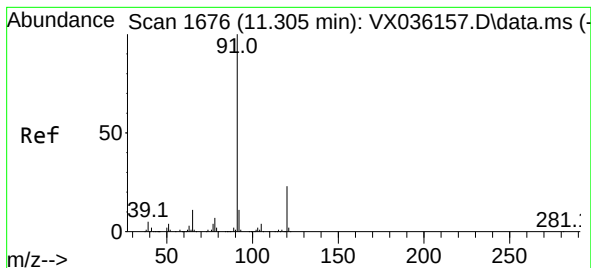


#73
Isopropylbenzene
Concen: 2.773 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036251.D
Acq: 20 Jun 2023 18:25



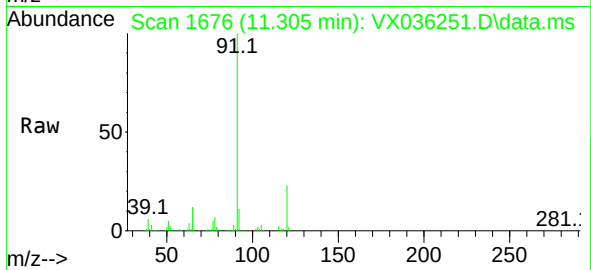
Tgt Ion:105 Resp: 22635
Ion Ratio Lower Upper
105 100
120 26.4 12.9 38.6





#78
n-propylbenzene
Concen: 11.427 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX036251.D
Acq: 20 Jun 2023 18:25

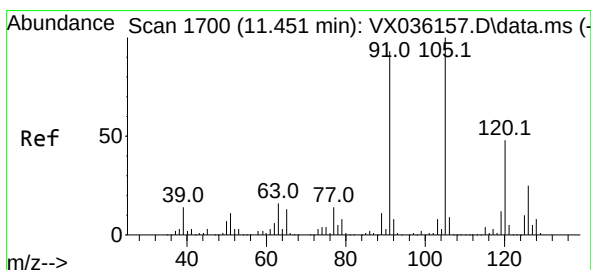
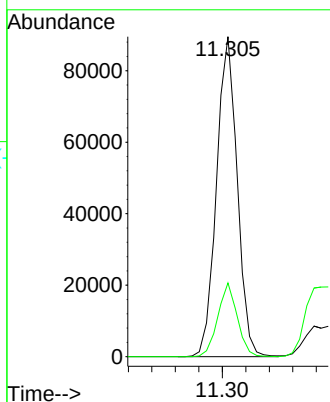
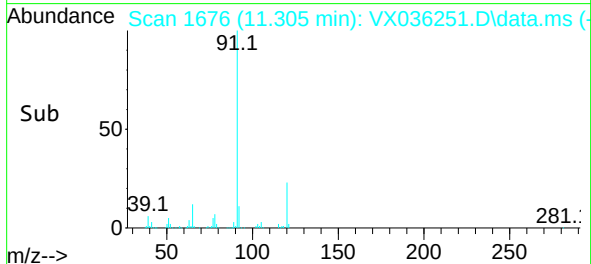
Instrument :
MSVOA_X
ClientSampleId :
MW-5BDL



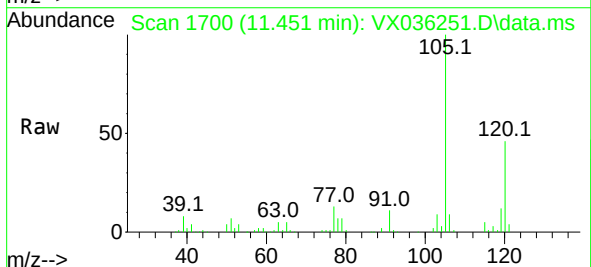
Tgt Ion: 91 Resp: 109740
Ion Ratio Lower Upper
91 100
120 21.6 11.5 34.4

Manual Integrations
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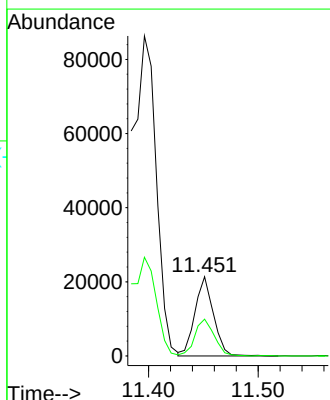
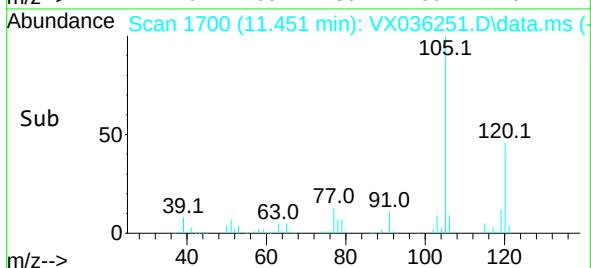
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

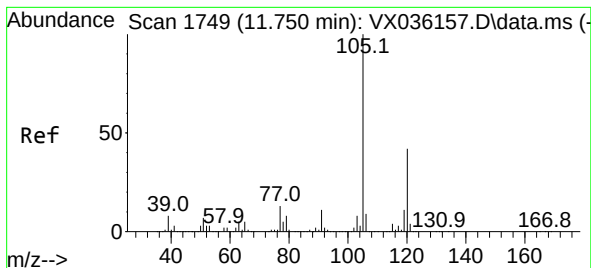


#80
1,3,5-Trimethylbenzene
Concen: 3.618 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036251.D
Acq: 20 Jun 2023 18:25



Tgt Ion:105 Resp: 25152
Ion Ratio Lower Upper
105 100
120 48.7 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 60.458 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX036251.D

Acq: 20 Jun 2023 18:25

Instrument :

MSVOA_X

ClientSampleId :

MW-5BDL

Tgt Ion:105 Resp: 419210

Ion Ratio Lower Upper

105 100

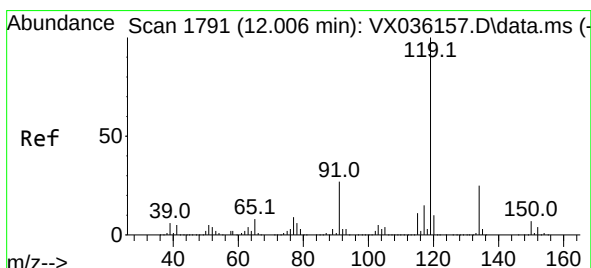
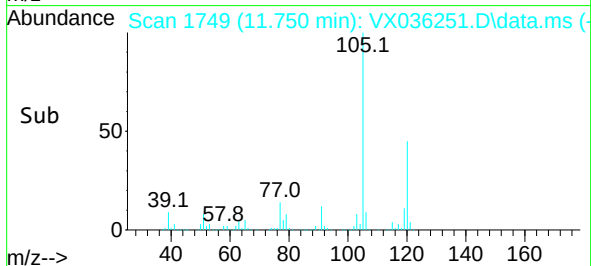
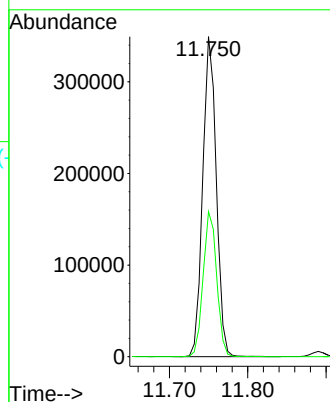
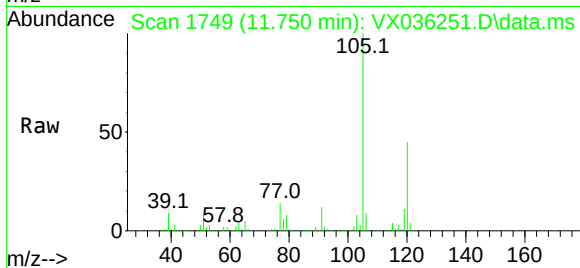
120 45.5 21.2 63.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#86

p-Isopropyltoluene

Concen: 0.570 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX036251.D

Acq: 20 Jun 2023 18:25

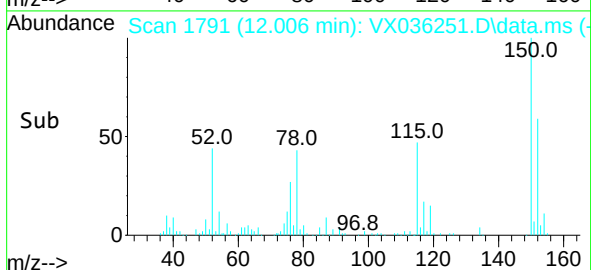
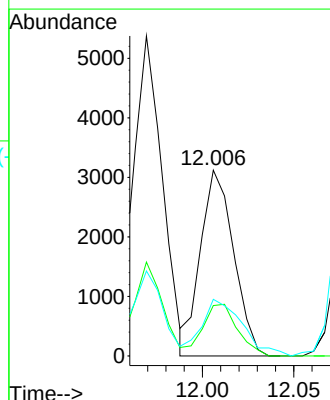
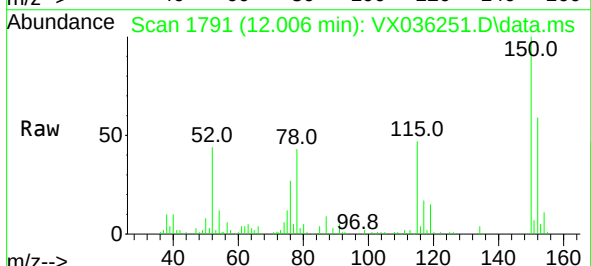
Tgt Ion:119 Resp: 3945

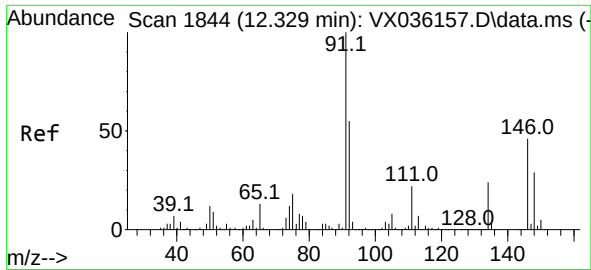
Ion Ratio Lower Upper

119 100

134 29.4 12.8 38.3

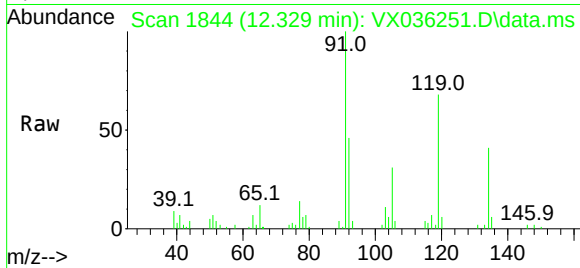
91 37.5 13.1 39.3





#89
 n-Butylbenzene
 Concen: 1.034 ug/l m
 RT: 12.329 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036251.D
 Acq: 20 Jun 2023 18:25

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5BDL



Tgt Ion: 91 Resp: 6390

Ion	Ratio	Lower	Upper
91	100		
92	0.0	27.4	82.0
134	0.0	12.6	37.8

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023

